

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to roads and drains at Kaveri layout in Ward No. 03

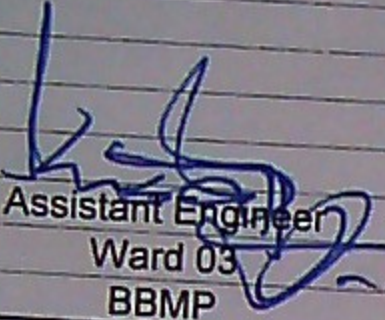
SI No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)								
	For RCC Drain	Cum							
	Kaveri Layout								
	1st main		2	170.00	1.20	1.00	408.00		
	3rd cross		2	110.00	1.20	1.00	264.00		
	3rd cross, continued		2	170.00	1.20	1.00	408.00		
	5th cross		2	30.00	1.20	1.10	79.20		
	Cross road 1		1	60.00	1.20	1.10	79.20		
	For RCC Culvert		7	6.00	1.60	1.00	67.20		
							1305.60	215.28	281069.57
	Basic Rate Rs. =	130.00							
	Add 6% A.W Rs. =	7.80							
	Sub Total =	137.80							
	8Km Lead, Loading and Unloading =(2*1.28*8)+57	77.48							
	Total Rate Rs. =	215.28							
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222, I No-27.18)								
	For Drain	Cum							
	Kaveri Layout								
	1st main		2	170.00	1.20	0.15	61.20		
	3rd cross		2	110.00	1.20	0.15	39.60		
	3rd cross, continued		2	170.00	1.20	0.15	61.20		
	5th cross		2	30.00	1.20	0.15	10.80		
	Cross road 1		1	60.00	1.20	0.15	10.80		
	For RCC Culvert		7	6.00	1.60	0.15	10.08		
							193.68	5421.90	1050113.59
	Basic Rate Rs. =	5115.00							
	Add 6% A.W Rs. =	306.90							
	Total Rate Rs. =	5421.90							
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&I WTD S.R 2018-19)								
	For RCC Drain	Cum							
	Kaveri Layout								
	Bottom slab								
	1st main		2	170.00	1.10	0.15	56.10		
	3rd cross		2	110.00	1.10	0.15	36.30		

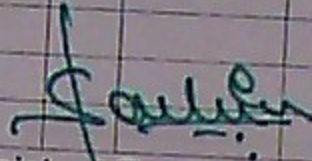
SI No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	3rd cross, continued		2	170.00	1.10	0.15	56.10		
	5th cross		2	30.00	1.10	0.15	9.90		
	Cross road 1		1	60.00	1.10	0.15	9.90		
	side walls								
	1st main		4	170.00	0.15	0.60	61.20		
	3rd cross		4	110.00	0.15	0.60	39.60		
	3rd cross, continued		4	170.00	0.15	0.60	61.20		
	5th cross		4	30.00	0.15	0.60	10.80		
	Cross road 1		2	60.00	0.15	0.60	10.80		
	For RCC Culvert						351.90		
	Raft		7	6.00	1.30	0.20	10.92		
	side walls		14	6.00	0.20	0.60	10.08		
							21.00		
							Net Qty.	372.90	7070.20
									2636477.58
	Basic Rate Rs.=	6670.00							
	Add 6% A.W Rs. =	400.20							
	Total Rate Rs. =	7070.20							
4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)								
	Considering steel For Drain @ 70 kg / cum	Tonne		351.90	0.070	-	24.63		
	Considering steel For Culvert @ 100 kg / cum			21.00	0.100	-	2.10		
							26.73	73992.24	1978034.55
	Basic Rate Rs.=	69804.00							
	Add 6% A.W Rs. =	4188.24							
	Total Rate Rs. =	73992.24							
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	For drain cover slab	Sqm							
	Kaveri Layout								
	Bottom slab								
	1st main		2	170.00	0.90	--	306.00		
	3rd cross		2	110.00	0.90	--	198.00		
	3rd cross, continued		2	170.00	0.90	--	306.00		
	5th cross		2	30.00	0.90	--	54.00		
	Cross road 1		1	60.00	0.90	--	54.00		
							918.00	2337.00	2145366.00
6	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete charge. (Data Rate)								
	For Culvert Slabs	Sqm	7	6.00	1.20	-	50.40	5418.00	273067.20
								Sub Total 1 Rs.	8364128.49

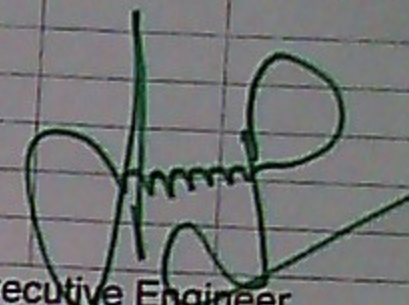
SI No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
	Add GST @ 12%			m	m	m		in Rs	in Rs
	Add KRIDL @ 4%								1003695.
	DPR & PMC Charges including GST								334565.
									197000.
	Miscellaneous & Rounding off							Sub Total 2 Rs.	9899389.0
									610.9
								Total Rs.	9900000.0

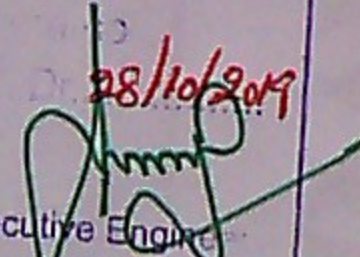
CERTIFICATE:

- 1 The work spot has been inspected by me and the work is found to be necessary
- 2 The estimate is prepared as per PW, P&IWD S.R Bangalore circle for the year 2018-2019.
- 3 The Provisions made in the estimate are quite necessary and adequate.
- 4 The area comes with in the BBMP limits.


Assistant Engineer
Ward 03
BBMP


Assistant Executive Engineer
Yelahanka Newtown Sub Division
BBMP

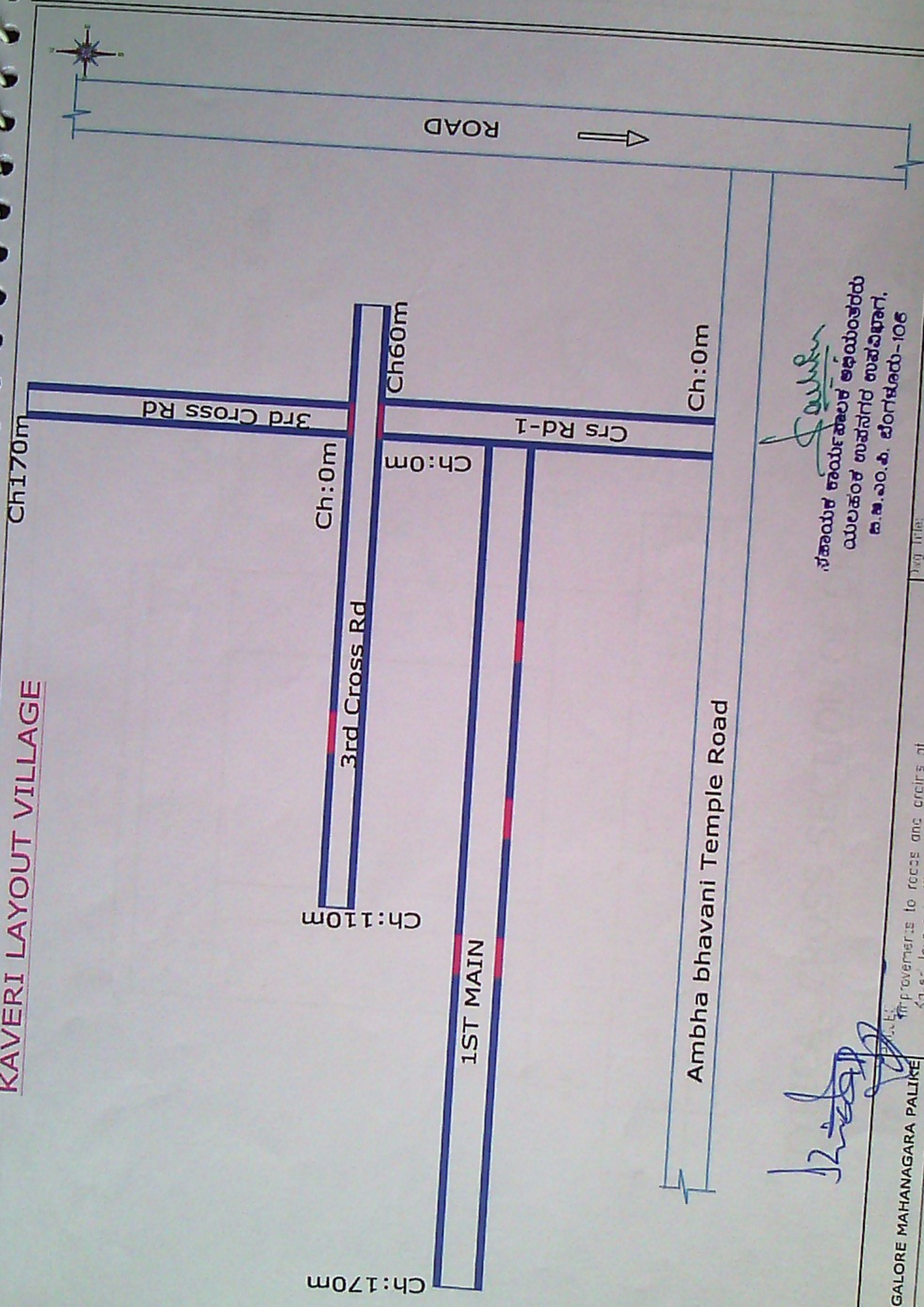

Executive Engineer
Yelahanka Division
BBMP

Administrative Sanction for Rs. 99.00 Lakhs
Ninety Nine Lakhs only
 is accorded under head P-3727 2018-19
Chief Minister Nava nagarotham
grant
 Registered as CE No. Subject
 to conditions containe
 No. EE/YNK/AS/210/2018-19 Dt. 28/10/2019

 Executive Engineer

Technical Sanction
 Accorded For RS 99.00 Lakhs only
 Head of A/C. P 3727
 CER NO : 11.0 Dt: 28.10.2019

 TA
 CE (YNK)

KAVERI LAYOUT VILLAGE



Ambha bhavani Temple Road

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧೀಯಂತರು
ಯಲಹಂಕೆ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಕ.ಸ.ಎಂ.ಕೆ, ಬೆಂಗಳೂರು-108

[Signature]

Improvements to roads and drains at
Kaveri Layout in Ward No. 23

BRUHAT BANGALORE MAHANAGARA PALIKE

INDEX
CULVERT
RCC DRAIN